

Remarks

The specification has been amended to identify the co-pending patent application to which reference is made on page 1 of the specification. That co-pending patent application now has issued as U.S. Patent 6,994,647. That patent discloses and claims an adaptive pressure control method for achieving synchronous upshifts. The present application, in contrast, discloses and claims an adaptive pressure control method for synchronous downshifts.

For purposes of a response to the Restriction Requirement in the Office Action dated May 3, 2006 filed concurrently with this Amendment, Applicants elected the invention of Group I. Claim 1 as originally drafted is included in elected Group I.

Applicants elected without traverse the invention of Group I. Instead of traversing the rejection, Applicants have rewritten claims 2-23 as indicated in this Amendment. Claims 2-23 in the present application now are written as dependent claims based upon original claim 1. Claims 25-28 are dependent claims based on claim 24. Claims 24-28 define the steps for adapting the controller for smooth, non-synchronous, power-on downshifts. The Examiner's description of the invention of claims 24-28 on page 8 of the Office Action of May 3, 2006 is not correct since the Examiner refers to a power-off downshift, not a power-on downshift.

Applicants have added new claims 29-37. Claim 29 defines an adaptive control method wherein the shift characteristics on a power-off downshift are adjusted in a predetermined order of priority. Claim 30 defines an adaptive control method wherein the shift characteristics on a power-on downshift are adjusted in a predetermined order of priority.

Claims 31-37 are added to further define the shift characteristics during a non-synchronous power-on downshift.

Claims 2-23 and 29, as presently written, should be included in the group of claims that will be examined together with elected claim 1.

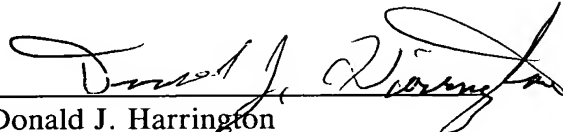
Claims 24-28 and 30-37, in Applicants' view, should be considered by the Examiner to be non-elected claims. The Examiner's concurrence is requested.

A favorable consideration of claims 1-23 and 29 is solicited respectfully.

Please charge any additional fees or credit any overpayments as a result of the filing of this paper to our Ford Global Technologies, LLC Deposit Account No. 06-1510.

Respectfully submitted,

BRIAN KEYSE ET AL.

By: 
Donald J. Harrington
Reg. No. 17,427
Attorney/Agent for Applicant

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BROOKS KUSHMAN P.C.
1000 Town Center, 22nd Floor
Southfield, MI 48075-1238
Phone: (248) 358-4400
Fax: (248) 358-3351